Form 1449 (Modified)	Atty. Docket No. IREA0008	Serial No.: Unassigned
Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Applicant: Johnson et al. Filing Date: Herewith	Group: Unassigned 2155

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Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date

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AB	A	WO 99/65219	12/16/99	PCT	H04M	11/06	X	
	B	WO 99/39488	8/5/99	PCT	H04L	29/08	X	

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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Alicia Baturay   4/27/05

Form 1449 (Modified)		Atty. Docket No. NVIDP322/P001314	Application No.: 10/049,972
Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)		Applicant: Michael Ward Johnson et al. Filing Date: 02/13/2002	Group Art Unit: ~~2661~~ 2155

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AB	A	5,012,489	4/30/1991	Burton et al.	375	8	11/7/1998
	B	5,161,193	11/3/1992	Lampson et al.	380	49	6/29/1990
	C	5,163,131	11/10/1992	Row et al.	395	200	9/8/1989
	D	5,303,344	4/12/1994	Yokoyama et al.	395	200	2/25/1991
	E	5,307,413	4/26/1994	Denzer	380	49	7/19/1991
	F	5,426,694	6/20/1995	Herbert	379	242	10/8/1993
	G	5,430,727	7/4/1995	Callon	370	85.13	5/19/1994
	H	5,440,551	8/8/1995	Suzuki	370	60	1/4/1994
	I	5,485,460	1/16/1996	Schrier et al.	370	94.1	8/19/1994
	J	5,495,480	2/27/1996	Yoshida	370	60	6/21/1994
	K	5,499,353	3/12/1996	Kadlec et al.	395	445	6/20/1995

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	M	~~Chesson, Greg, "The Protocol Engine Project" Technology Focus September 1987~~
	N	~~Chesson, Greg, "Proceedings of the Summer 1987 USENIX Conference" USENIX Association June 8-12, 1987~~
	O	~~G. Chesson and L. Green, "XTP Protocol Engine VLSI for Real-Time LANS" EFOC/LAN June 29-July 1, 1968~~
	P	~~Stevens, Richard W., "TCP/IP Illustrated Volume" Addison-Wesley Professional Computing Series~~
AB	Q	Abbot, Mark B., and Peterson, Larry L., "Increasing Network Throughput by Integrating Protocol Layers" IEEE 1993

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Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No. NVIDP322/P001314 Applicant: Michael Ward Johnson et al. Filing Date: 02/13/2002	Application No.: 10/049,972 Group Art Unit: 2661 2155

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AB	A	5,513,324	4/30/1996	Dolin, Jr. et al.	395	200.18	3/7/1994
	B	5,519,704	3/21/1996	Farinacci et al.	370	85.13	4/21/1994
	C	5,546,453	8/13/1996	Herbert	379	242	6/7/1995
	D	5,566,170	10/15/1996	Bakke et al.	370	60	12/29/1994
	E	5,577,105	11/19/1996	Baum et al.	379	93	3/11/1994
	F	5,577,172	11/19/1996	Vatland et al.	395	114	8/31/1994
	G	5,577,237	11/19/1996	Lin	395	555	1/23/1995
	H	5,598,410	1/28/1997	Stone	370	469	12/29/1994
	I	5,619,650	4/8/1997	Bach et al.	395	200.01	9/21/1995
	J	5,625,678	4/29/1997	Blomfield-Brown	379	93	5/24/1995
	K	5,625,825	4/29/1997	Rostoker et al.	395	730	10/21/1993

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	N	Preston, David J., "Internet Protocols Migrate to Silicon For Networking Devices" Electronic Design April 14, 1997
	O	~~Muller, Raimund, "LON = das universelle Netzwerk" Electronik 22/1991~~
	P	~~Rang, Michael ad Tantawy, Ahmed, "A Design Methodology for Protocol Processors" IEEE 1995~~

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Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Applicant: Michael Ward Johnson et al.	
	Filing Date: 02/13/2002	Group Art Unit: ~~2661~~ 2155

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AB	A	5,634,015	5/27/1997	Chang et al.	395	309	10/4/1994
	B	5,636,371	6/3/1997	Yu	395	500	6/7/1995
	C	5,640,394	6/17/1997	Schrier et al.	370	389	1/16/1996
	D	5,663,951	9/2/1997	Danneels et al.	370	230	6/6/1995
	E	5,666,362	9/9/1997	Chen et al.	370	420	7/25/1995
	F	6,575,507	10/7/1997	Bobo, II	364	514R	4/28/1995
	G	5,687,314	11/11/1997	Osman et al.	395	200.01	6/9/1992
	H	5,696,899	12/9/1997	Kalwitz	395	200.1	11/18/1992
	I	5,699,350	12/16/1997	Kraslavsky	370	254	10/6/1995
	J	5,701,316	12/23/1997	Alferness et al.	371	53	8/31/1995
	K	5,727,149	3/10/1998	Hirata et al.	395	200.8	12/21/1995

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	R	~~Banks, David and Prudence, Michael, "A High-Performance Network Architecture for a PA-RISC Workstation" IEEE Journal Vol. II, No. 22 February 1993~~
	S	~~Steenkiste, Peter, "A High-Speed Network Interface for Distributed-Memory Systems: Architecture and Applications" ACM Transactions on Computer Systems, Vol. 15, No. 1 February 1997~~
	T	~~Doumenis, Gr.A., Konstantoulakis, G.E., Reisis, D.I. and Stassinopoulos, G.I. "A Personal Computer Hosted Terminal Adapter For The Broadband Integrated Services Digital Network and Applications" National Technical University of Athens, Greece~~

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Information Disclosure **Statement By Applicant** (Use Several Sheets if Necessary)	Applicant: Michael Ward Johnson et al. Filing Date: 02/13/2002	Group Art Unit: ~~2661~~ 2155

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A B	A	5,734,865	3/31/1998	Yu	395	500	6/27/1995
	B	5,748,905	5/5/1998	Hauser et al.	395	200.79	8/30/1996
	C	5,754,540	5/19/1998	Liu et al.	370	315	7/18/1995
	D	5,761,281	6/2/1998	Baum et al.	379	93.29	7/30/1996
	E	5,790,546	8/4/1998	Dobbins et al.	370	400	12/4/1995
	F	5,790,676	8/4/1998	Ganesan et al.	380	23	9/23/1997
	G	5,802,278	9/1/1998	Isfeld et al.	395	200.02	1/23/1996
	H	5,802,306	9/1/1998	Hunt	395	200.58	10/31/1995
	I	5,805,816	9/8/1998	Picazo, Jr. et al.	395	200.53	1/28/1997
	J	5,809,235	9/15/1998	Sharma et al.	395	200.6	3/8/1996
	K	5,815,516	9/29/1998	Aaker et al.	371	53	4/5/1996

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	T	~~Wittie, Larry D., Ma, Fanyuan, "A TCP/IP Communication Subsystem in Micros" IEEE 1987~~

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Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Applicant: Michael Ward Johnson et al. Filing Date: 02/13/2002	Group Art Unit: ~~2661~~ 2155

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A̶ B̶	A	5,818,935	10/6/1998	Maa	380	20	3/10/1997
	B	5,826,032	10/20/1998	Finn et al.	395	200.66	2/12/1996
	C	5,872,919	2/16/1999	Wakeland	395	200.6	5/7/1997
	D	5,894,557	4/13/1999	Bade et al.	395	200.58	3/29/1996
	E	5,909,546	6/1/1999	Osborne	395	200.42	3/8/1996
	F	5,920,732	7/6/1999	Riddle	395	876	7/1/1996
	G	5,935,268	8/10/1999	Weaver	714	758	6/3/1997
	H	5,937,169	8/10/1999	Connery et al.	395	200.8	10/29/1997
	I	5,941,988	8/24/1999	Bhagwat et al.	713	201	1/27/1997
	J	5,943,481	8/24/1999	Wakeland	395	200.6	5/7/1997
	K	5,974,518	10/26/1999	Nogradi	711	173	4/10/1997

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	R	~~Dalton, Chris; Watson, Greg; Banks, David; Calamvokis, Costas; Edwards, Aled; Lumley, John, "Afterburner: A Network-independent card provides architectural support for high-performance protocols" IEEE July 1993~~
	S	~~Gupta, Pankaj; McKeown, Nick, "Algorithms for Packet Classification" IEEE Network March/April 2001~~
	T	~~Clark, David D.; Romkey, John; Salwen, Howard, "An Analysis of TCP Processing Overhead" IEEE 1988~~

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Information Disclosure Statement By Applicant	Applicant: Michael Ward Johnson et al.	
(Use Several Sheets if Necessary)	Filing Date: 02/13/2002	Group Art Unit: 2661 2155

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	B	6,014,699	1/11/2000	Ratcliff et al.	709	224	8/29/1997
	C	6,034,963	3/7/2000	Minami et al.	370	401	10/31/1996
	D	6,046,980	4/4/2000	Packer	370	230	11/24/1997
	E	6,061,742	5/9/2000	Stewart et al.	709	250	10/10/1997
	F	6,076,115	6/13/2000	Sambamurthy et al.	709	250	4/24/1997
	G	6,081,846	6/27/2000	Hyder et al.	709	250	5/8/1997
	H	6,092,110	7/18/2000	Maria et al.	709	225	10/23/1997
	I	6,092,229	7/18/2000	Boyle et al.	714	748	10/9/1996
	J	6,098,188	8/1/2000	Kalmanek, Jr. et al.	714	746	6/30/1995
	K	6,101,543	8/8/2000	Alden et al.	709	229	10/25/1996

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	S	Goloi, W.K.; Behr, P. "An IPC Protocol and Its Hardware Realization For A High-Speed Distributed Multicomputer System" IEEE 1981
	T	Ames, Richard, "Building an Embedded Web Server from Scratch" Circuit Cellar INK February 1998

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Form 1449 (Modified) **Information Disclosure Statement By Applicant** (Use Several Sheets if Necessary)	Atty. Docket No. NVIDP322/P001314 Applicant: Michael Ward Johnson et al. Filing Date: 02/13/2002	Application No.: 10/049,972 Group Art Unit: ~~2661~~ 2155

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Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
A B	A	6,151,625	11/21/2000	Swales et al.	709	218	4/30/1999
	B	6,157,955	12/5/2000	Narad et al.	709	228	6/15/1998
	C	6,172,980	1/9/2001	Flanders et al.	370	401	9/11/1997
	D	6,172,990	1/9/2001	Deb et al.	370	474	11/12/1997
	E	6,173,333	1/9/2001	Jolitz et al.	709	240	1/28/1999
	F	6,182,228	1/30/2001	Boden et al.	713	201	8/17/1998
	G	6,185,619	2/6/2001	Joffe et al.	709	229	11/7/1997
	H	6,230,193	5/8/2001	Arunkumar et al.	709	218	10/31/1996
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Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)		Applicant: Michael Ward Johnson et al.		
		Filing Date: 02/13/2002		Group Art Unit: ~~2661~~ 2155

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	S	Bonjour, Dominique; de Hauteclocque, Gaelle; le Moal, Jacques, "Design and Application of ATM LAN/WAN Adapters" IEEE 1998
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Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Applicant: Michael Ward Johnson et al. Filing Date: 02/13/2002	Group Art Unit: ~~2661~~ 2155

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		~~Smith, Jonathon M.; Traw, C. Brendan S., "Giving Applications Access to Gb/s Networking" IEEE Network July 1993~~
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	S	~~Druschel, Peter; Abbot, Mark B., Pagels, Michael A.; Peterson, Larry L., "Network Subsystem Design" IEEE Network July 1993~~
	T	~~Huange, Jau-Hsiung; Chen, Chi-Wen, "On Performance Measurments of TCP/IP and its Device Driver" IEEE 1992~~
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	Applicant: Michael Ward Johnson et al.	
	Filing Date: 02/13/2002	Group Art Unit: ~~2661~~ 2155

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	S	~~Ramakrishnan, K.K., "Performance Considerations in Designing Network Interfaces"~~ ~~IEEE Journal 1993~~
	T	~~Camarda, P.; Pipio, F.; Piscitelli, G.; "Performance evaluating of TCP/IP implementations in end-systems"~~ ~~IEE Proc-Computer Digital Tech. Vol. 146 No. 1 January 1999~~
		~~Toyoshima, Ken; Shirakawa, Kazuhiro; Hayashi, Kazuhiro, "Programmable ATM Adapter: Rapid Prototyping of Cell Processing Equipment for ATM Network"~~ ~~IEEE 1997~~
		~~Blumrich, Matthias A.; Dubnicku, Cezary; Felton, Edward W.; Li, Kai, "Protected, User-level DMA for the SHRIMP Network Interface"~~ ~~IEEE 1996~~
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449 (Modified) **Information Disclosure Statement By Applicant** (Use Several Sheets if Necessary)	Atty. Docket No. NVIDP322/P001314 Applicant: Michael Ward Johnson et al. Filing Date: 02/13/2002	Application No.: 10/049,972 Group Art Unit: ~~2661~~ 2155

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A						

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation Yes	No
	L							

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
~~————~~	R	Marcus, William S.; Hadzic, Ilija; McAuley, Anthony J.; Smith, Jonathan M., ~~"Protocol Boosters: Applying Programmability to Network Infrastructures"~~ ~~IEEE Communications Magazine October 1998.~~
~~————~~	~~S~~	~~Korablum, Deborah F., "Protocol Implementation and Other Performance Issues for Local and Metropolitan Area Networks"~~ ~~IEEE 1988~~
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	D						
	E						
	F						
	G						
	H						
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Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
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	M	~~New Media News, www. newmedianews.com/02197/ts_inettuner.html~~
	N	~~Kelly, T. "Cheap Internet Hardware that Fits in Everything" ZDNet, www.zdnet.co.uk/news/1998/77/ns-5998.html~~
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	P	~~iReady Product Data Sheet, Internet Tuner~~
	Q	

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